

GENERAL INFORMATION

STR. # 3-40-6560 OVER MUSCTATUCK RIVER
PROJ. F-199-4(2) LINE "A"
VERNON TWP. - JENNINGS CO.

Located in the North West 3 of Section 11, T-6-N, R-8-E, 0.39 km North West of the junction of State Road 7 and State Road 3 and 4.81 km south of the junction of State Road 7 and State Road 3.

Alignment and stationing was established by recovering the old road survey (1929) PI at Station 815+31.2ft and then centering on the present structure at each end. All 3 points were in line. Stationing was established using the above mentioned PI as a starting point, and should match the original stationing. Alignment should also be the same as the original. See plans Project 164 (1929), sheets 6, 7 and 8. Also see the old bridge plans for Project 7.

Level datum is IFC and WRC using TBM VFMR 80 for this project elevation = 195.007 m. This same datum was used for Aerial Survey & Kelsplotter, which is being used in conjunction with ground survey for this project.

This survey datum is 99.487 m higher than the old road and bridge project datum. See page 36 of this book for level equation and old road and bridge plans (1929) projects 164 and 7.

The present structure was State-built in 1930 as a Reinforced Concrete Arch with 5 spans at 24.384 m each with 0°00' skew and 6.706 m clearance of roadway. The bridge was repaired in 1956. The original structure number was 7-40-957.

The present State Road 7 and 3 is a blacktop over concrete roadway varying in width from 7.2 m to 8.4 m and has shoulders of varying width.

The original charter of Vernon and various maps, show the Corporation Line of Vernon to be on the low water mark at the south edge of the river's channel being at the foot of the hill on the south end of the present structure at that time and, at the present time, at the location of a small running channel. There were at that time, according to local old-timers, two channels, one at the south end of the structure and one at the north end of the structure. The main channel is now at the north side of the structure and it is shown now on all newer maps that the corporation line is at the low water mark on the north edge of the present main channel.

The purpose of this survey is to show underwater elevations to be used by photogrammetry department to complete their contour maps and also to establish alignment and stationing, to survey property lines, to locate underground utilities, limited topography, stream profile, and other incidentals.

GENERAL INFORMATION SHEET

Figure 22-6C